GRGDSP

Cat. No.: HY-P0290  
CAS No.: 91037-75-1  
Molecular Formula: C₂₂H₃₇N₉O₁₀  
Molecular Weight: 587.58  
Sequence: Gly-Arg-Gly-Asp-Ser-Pro  
Sequence Shortening: GRGDSP  
Target: Integrin  
Pathway: Cytoskeleton  
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>GRGDSP, a synthetic linear RGD peptide, is an integrin inhibitor.</th>
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<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>Integrin[1]</td>
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**In Vitro**

It is demonstrated that transarterial infusion of GRGDSP (Gly-Arg-Gly-Asp-Ser-Pro integrin-inhibitor which includes RGD-peptide). As a synthetic linear RGD peptide, GRGDSP (Gly-Arg-Gly-Asp-Ser-Pro) can inhibit the adherence of tumor cells to endothelial cells of blood vessels and limit its metastasis[1]. GRGDSP (Gly-Arg-Gly-Asp-Ser-Pro) is used as a soluble integrin-blocking RGD-based peptide. GRGDSP is used widely together with other RGD peptides in integrin research. GRGDSP can be used to modify the surface of cardiovascular implants such as vascular grafts to promote endothelialization[2].

**REFERENCES**


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Caution: Product has not been fully validated for medical applications. For research use only.

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